

# Recombinant Full Length Human FCER1A Protein, GST-tagged

**Cat. No.** FCER1A-6928HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human full-length FCER1A (1 a.a. - 257 a.a.), fused with GST-tag at N-terminal, was expressed in wheat germ.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	257 amino acids
<b>Description</b>	The immunoglobulin epsilon receptor (IgE receptor) is the initiator of the allergic response. When two or more high-affinity IgE receptors are brought together by allergen-bound IgE molecules, mediators such as histamine that are responsible for allergy symptoms are released. This receptor is comprised of an alpha subunit, a beta subunit, and two gamma subunits. The protein encoded by this gene represents the alpha subunit.
<b>Molecular Mass</b>	54.01 kDa
<b>AA Sequence</b>	MAPAMESPTLLCVALLFFAPDGVLAVPQKPKVSLNPPWNRIFKGENVT LTCNGNFF EVSSTKWFHNGSLSEETN SSLNIVNAKFEDSGEYKCQHQQVNESEPVYLEVFSDW LLLQASAEVVMGQPLFLRCHGWRNWDVYKVIYYKDGE ALKYWYENHNISITNATV EDSGTYYYCTGKVVQLDYESEPLNITVIKAPREKYWLQFFIPLLVVILFAVDTGLFIS TQ QQVTFLLIKIKRTRKGFRLNPHPKPNPKNN
<b>Applications</b>	ELISA; WB-Re; AP; Array

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**Storage** Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

**Gene Name** FCER1A Fc epsilon receptor Ia [ Homo sapiens (human) ]

**Official Symbol** FCER1A

**Synonyms** FCER1A; FCE1A; FcERI; Fc fragment of IgE, high affinity I, receptor for; alpha polypeptide; high affinity immunoglobulin epsilon receptor subunit alpha; Fc-epsilon RI-alpha; Fc epsilon RI alpha-chain; igE Fc receptor subunit alpha; Fc IgE receptor, alpha polypeptide; high affinity immunoglobulin epsilon receptor alpha-subunit; immunoglobulin E receptor, high-affinity, of mast cells, alpha polypeptide

**Gene ID** 2205

**mRNA Refseq** NM\_002001

**Protein Refseq** NP\_001992

**MIM** 147140

**UniProt ID** P12319

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